

Title (en)

METHOD FOR CUTTING LIQUID CRYSTAL PANEL

Title (de)

VERFAHREN ZUM SCHNEIDEN VON FLÜSSIGKRISTALLTAFELN

Title (fr)

PROCÉDÉ POUR DÉCOUPER UN PANNEAU À CRISTAUX LIQUIDES

Publication

EP 2431792 A4 20130904 (EN)

Application

EP 10789658 A 20100609

Priority

- KR 2010003689 W 20100609
- KR 20090053476 A 20090616

Abstract (en)

[origin: EP2431792A2] The present invention relates to a method for cutting a liquid crystal display panel. A method for cutting a liquid crystal display panel which includes an upper panel and a lower panel includes: forming scribe lines on the upper panel and the lower panel respectively along a cutting direction; and breaking the upper panel and the lower panel by applying an external force at an outside of the scribe lines in a direction to urge the lower panel to be bent toward an outer surface thereof.

IPC 8 full level

G02F 1/13 (2006.01); **B26D 3/06** (2006.01); **B26F 3/00** (2006.01); **C03B 23/22** (2006.01); **C03B 33/02** (2006.01); **C03B 33/033** (2006.01); **C03B 33/07** (2006.01); **G02F 1/1333** (2006.01); **G02F 1/1339** (2006.01)

CPC (source: EP KR US)

B26D 3/06 (2013.01 - KR); **B26F 3/002** (2013.01 - EP US); **C03B 23/22** (2013.01 - KR); **C03B 33/02** (2013.01 - KR); **C03B 33/033** (2013.01 - EP US); **C03B 33/076** (2013.01 - EP US); **G02F 1/13** (2013.01 - KR); **G02F 1/133351** (2013.01 - EP US); **B26D 3/06** (2013.01 - EP US); **G02F 1/13398** (2021.01 - EP US); **Y10T 225/12** (2015.04 - EP US)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2010147331A2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2431792 A2 20120321; **EP 2431792 A4 20130904**; JP 2012530273 A 20121129; JP 5390702 B2 20140115; KR 100966082 B1 20100628; US 2012138653 A1 20120607; WO 2010147331 A2 20101223; WO 2010147331 A3 20110303

DOCDB simple family (application)

EP 10789658 A 20100609; JP 2012515968 A 20100609; KR 20090053476 A 20090616; KR 2010003689 W 20100609; US 201013378673 A 20100609